

**Commonwealth of Kentucky
Division for Air Quality**

PERMIT APPLICATION SUMMARY FORM

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GENERAL INFORMATION:

Name:	Municipal Solid Waste Landfill
Address:	Kentucky
SIC/Source description:	4953
Permit number:	G-07-001

APPLICATION TYPE/PERMIT ACTIVITY:

<input type="checkbox"/> Initial issuance	<input checked="" type="checkbox"/> General permit
<input type="checkbox"/> Permit modification	<input type="checkbox"/> Conditional major
__Administrative	<input checked="" type="checkbox"/> Title V
__Minor	<input type="checkbox"/> Synthetic minor
__Significant	<input checked="" type="checkbox"/> Operating
<input checked="" type="checkbox"/> Permit renewal	<input type="checkbox"/> Construction/operating

COMPLIANCE SUMMARY:

<input type="checkbox"/> Source is out of compliance	<input type="checkbox"/> Compliance schedule included
<input checked="" type="checkbox"/> Compliance certification signed	

APPLICABLE REQUIREMENTS LIST:

<input type="checkbox"/> NSR	<input checked="" type="checkbox"/> NSPS	<input checked="" type="checkbox"/> SIP
<input type="checkbox"/> PSD	<input type="checkbox"/> NESHAPS	<input type="checkbox"/> Other
<input type="checkbox"/> Netted out of PSD/NSR	<input type="checkbox"/> Not major modification per 401 KAR 51:017, 1(23)(b) or 51:052,1(14)(b)	

MISCELLANEOUS:

- ☐ Acid rain source
- ☐ Source subject to 112(r)
- ☐ Source applied for federally enforceable emissions cap
- ☐ Source provided terms for alternative operating scenarios
- ☐ Source subject to a MACT standard
- ☐ Source requested case-by-case 112(g) or (j) determination
- ☐ Application proposes new control technology
- ☒ Certified by responsible official
- ☒ Diagrams or drawings included
- ☐ Confidential business information (CBI) submitted in application
- ☐ Pollution Prevention Measures
- ☐ Area is non-attainment (list pollutants):

SOURCE DESCRIPTION: Municipal Solid Waste landfills that commenced construction, reconstruction or modification on or after May 30, 1991. These landfills usually will have one or more leachate storage tanks. Many also accept asbestos containing waste which is placed in a separate section. Some MSW landfills are bioreactors or portion of a MSW landfill where any liquid other than leachate (leachate includes landfill gas condensate) is added in a controlled fashion into the waste mass (often in combination with re-circulating leachate) to reach a minimum average moisture content of at least 40 percent by weight to accelerate or enhance the anaerobic (without oxygen) biodegradation of the waste.

Leachate is the liquid that is collected under the waste cells that forms from decomposition of the waste or infiltration of water from rain. Leachate is collected to prevent groundwater contamination and is then treated onsite or shipped offsite for treatment. The leachate may be stored in one or more storage tanks while awaiting further treatment. Landfills which emit 50 megagrams or more of non-methane organic compounds (NMOC) are required to install a collection and control system which will control 98% of the collected NMOC.

Landfills also generate fugitive emissions from haul roads, stockpiles and yards as well as various other activities.